INTERNATIONAL SEARCH REPORT

~mational Application No _T/GB2004/003443

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01M4/40 H01M4/04

H01M2/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/21632 A1 (XENO ENERGY CO., LTD; YOON, WOOYOUNG) 14 March 2002 (2002-03-14) * see p.p.5, l.1 - 16, p.8, l.19 - p.13, l. 9, claims * the whole document	1-22
X	WO 99/43034 A (POLYPLUS BATTERY COMPANY,INC.) 26 August 1999 (1999-08-26) * see p.3, l .3 - p.4, l.32, p.9,l.19 - p.14,l.7, claims * the whole document	1–22
Y	WO 01/65616 A1 (ACCENTUS PLC; MACKLIN, WILLIAM, JAMES; JARVIS, CHRISTINE, RUTH) 7 September 2001 (2001-09-07) * see p.3, 1.1 - p.5,1.11, claims * the whole document	1-22

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X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.				
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family				
2 February 2005 Name and mailing address of the ISA	Date of mailing of the international search report 10/02/2005 Authorized officer				
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Stellmach, J				

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Y	US 2002/050054 A1 (NOH HYUNG-GON) 2 May 2002 (2002-05-02) * see '0009!-'0013!, '0019! - '0042!, claims * the whole document	1-22
Y	PATENT ABSTRACTS OF JAPAN vol. 013, no. 268 (E-775), 20 June 1989 (1989-06-20) & JP 01 059779 A (TOSHIBA BATTERY CO LTD), 7 March 1989 (1989-03-07) abstract	1-22
Y	WO 94/19100 A1 (FMC CORPORATION) 1 September 1994 (1994-09-01) cited in the application * see p.3, l.1 - p.5, l .25, claims * the whole document	1-22
A	EP 0 875 951 A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 4 November 1998 (1998-11-04) the whole document	1-22
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